STALWART

-86°C DualGuard ULT Freezer
STF-728DT

User-7" LCD touch screen
Friendly interface data storage up to 15 years of temperature and event data

SUS304 Interior
durable use and easy clean

Ergonomic door padlock-compatible, integrated key lock

USB port
download temperature data

Pressure release port
permits easy access after door closing.

Washable filter
alarm and monitoring systems provides protection against dust on the condenser

Remote alarm contact
output compatible with external Washable filter alarm and monitoring systems

Optional seven day chart recorder

Introduction

DualGuard ULT freezers maintain a reliable and uniform -86°C ultra low temperature environment. When one cooling system suffer an unexpeced failure,the other cooling system still keeps cabinet temperature below -70°C it is more secure to store valuable and irreplareable samples with upmost confidence that they won't be lost in the case of compressor failure

Features

A Smart Freezer

- 7" touch screen, easy observation & convenient operation
- Checking history temperature curve and alarm record on screen
- Self-diagnostic, automatic check & alarm for key components
- Standard USB port, record and download data conveniently
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Dual Cooling System

- Two independent refrigeration systems in one ULT freezer, when one system failed, the other one can maintain the temperature at -70°C until the failed system fixed
- Exceptionally uniform and reliable temperature
- User-friendly design and low running costs.

A User-Friendly Freezer

- SUS304 interior for easy cleaning & rust free
- Document groove to put paper, create a stylish lab
- Optional electric lock for safety and convenient administration
- Maximum sample storage capacity with an optimum footprint
- Special noise reduction design, a real quiet lab partner
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Specification

Model		STF-728DT
Technical Data	Type	Upright
	Capacity (L/cu ft)	728/25.70
	Inner doors	2 pcs, forming door, SUS304
	Shelves	3, made in SUS304
	Inner chamber material	SUS304
	Cooling type	Direct cooling
	Refrigerant	Hydrocarbon, CFC Free, Non greehouse gas
	Noise level (dB)	52
Temperature	Ambient temperature(˚C)	10~32(˚C)
	Temperature range(˚C)	-40~-86(˚C)
Cooling & Controller	Cooling System	Two independent cooling system
	Compressor Brand	SECOP
	Sensor	PT100
	Controller	Microprocessor
	Display & Control	7" Touch Screen
Electronic Parameter	Voltage/Frequency	220~240V 50/60Hz 110V 60Hz
	Power (W)	935
	Power Consumption (kWh/24h)	13.28
Vials load	2ml Vials (pcs)	50,400
Size & Weight	Internal (W*D*H) mm	963×558×1350
	External (W*D*H) mm	1260×890×2010
	Packing (W*D*H) mm	1320×975×2185
	Net/Gross weight (kg)	320/350
Alarm System	High/low temperature	√
	Power off failure	√
	Abnormal voltage	√
	Sensor error	√
	Filter screen check	√
	Controller failure	√
	Low battery	√
	Condenser malfunction	√
	High ambient temperature	√
	Door ajar	√

Specification

Accessories	Caster	4
	Test hole/Diameter	1/25mm
	Remote alarm contact	√
	USB Port	Y
	RS232/485	Optional
	Temperature recorder	Optional
	Freezer racks	Optional
	CO2 backup system	Optional
	LN2 backup system	Optional